M. A. R. 57 (Rule 116)
Measurement Book

No. B
184301

Serial No. BR-411/29 3/14

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions		Depth	Contents	Reference to last Measurement
			Length	Breadth			
1	2	3	4	5	6	7	8
	Name of work:- Improvements to CC Roads & Drains behind Gangamma Temple in Ward No. 11 Work code no:- 011-14-000020 Estimated cost:- 10.00 Lakhs Work order no:- Name of Agency:- Sri B. Chandrashekar Thindlu Vidyaranyapura.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Recorded on:- 13/2/14						
	1) Earth work excavation by Manual Means in ordinary soil involving an average horizontal throw up to 2 meters & an average lift up to 0.5m, excavated surface leveled & sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc: complete as per Specification						
	CC Drain	1	30.00	0.45	0.40	= 5.40	
		1	30.50	0.45	0.40	= 5.49	
	CC Road Main Road	1	30.00	$\frac{4.30+3.60}{2}$	0.15	= 17.78	
		1	16.00	$\frac{3.60+4.00}{2}$	0.15	= 9.12	

M. A. R. 57
Measurem

Serial No. .....
Name of work ..... From .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Number	Dim Length
1	2	3	4
		1	18.0
	1st Cross Road	1	30.0
		1	20.0
	2nd Cross Road	1	30.0
		1	16.0
	2nd Cross 1st Interior Rd	1	14.0

BOOK

s		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
ual Means ☆ ordinary soil throws up to 2 meters of cavated surface leveled ed earth to be leveled ete complete as per Specification			
·45×0.40 = 5.40			
·45×0.40 = 5.49			
30+3.60 / 2 ×0.15 = 17.78			
0+4.00 / 2 ×0.15 = 9.12			

M. A. R. 57 (Rule 116)
Measurement Book

No. B
184302

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions: Length 4	Dimensions: Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
			1 × 13.00 × (3.90+3.90)/2		× 0.15 =	7.61	
	1st Cross Road		1 × 30.00 × (8.50+3.30)/2		× 0.15 =	13.05	
			1 × 20.40 × (3.30+3.30)/2		× 0.15 =	9.95	
	2nd Cross Road		1 × 30.00 × (4.30+3.40)/2		× 0.15 =	17.33	
			1 × 16.50 × (3.40+2.80)/2		× 0.15 =	7.67	
	2nd cross IIst Interior Rd		1 × 14.15 × (3.40+3.50)/2		× 0.15 =	7.32	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2nd Cross 2nd Interior Rd.	1	20.80	$\frac{2.50+3.60}{2}$	0.45	= 9.52	
				Total Qty		110.23 m³	
				Kjmstnd 80		90.15 m³	
						89.81	Rs. 8096.00

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

2) Construction embankment with approved Material gravel/Murrum with all lifts of leads transporting to site, Spreading, grading to required slope & Compacting to meet requirement table 300-2. which includes Cost of gravel/Murrum watering charges & Compaction by Vibratory roller etc Complete as per specifications

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work
1	2
	pre.measurem
	3) providing & laying M 7.5 with OPC Cem graded granite me aggregates @ 0.58

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Depth 6	Contents 7	Reference to last Measurement 8
ng	4.48 Sqm	
"	4.46 Sqm	
		3323/="
ness 0.40		
mpressible fibre board		
per specifications.		
-	= 5.80	
-	= 7.00	
-	= 11.40	
-	= 8.40	
-	= 11.40	
-	= 10.20	

M. A. R. 57 (Rule 116)
Measurement Book

No. B
184307

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2	2.80	—	—	= 5.60	
		2	2.50	—	—	= 5.00	
				Total		64.80 Sqm	
				deduct 50		64.20 Sqm	
				D.M 135.79		M. 8718=00	
				137.15		805 =	
	8) providing & laying Cement Concrete using 20mm & down size granite Jelly ep ready mixed Concrete (RMC) For R.C.C works laid in 15 cms thick layers & well compacted						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Vibrating, Curing, finishing with Necessary cement Mortar, Form works & Scaffoldings ⁰ with, Hand pumping of Concrete with all lead & lifts etc. Ready Mixed Concrete M.20 (1:1.5:3) For raft Foundation, Column Footing, Main & Secondary beams etc. Complete as per Specifications						
	Cement Road						
		1	30.00	$\frac{4.30+3.60}{2}$	0.10	= 11.85	
		1	16.00	$\frac{3.60+4.00}{2}$	0.10	= 6.08	
		1	13.00	$\frac{3.90+3.90}{2}$	0.10	= 5.07	

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lame of Contractor of nature of Agency.....
)ate of commencement of work.....

Date	Full description, etc, of work	Numbe
1	2	3
	1st Cross Road	
	2nd Cross Road	
	2nd Cross 1st Interior Road	

K

pth 6	Contents 7	Reference to last Measurement 8
	Necessary Cement N with Hand & Lifts etc. Ready ...off Foundation, ...ecessary etc. Complete	
	×1·10 = 11·85	
	2×0·10 = 6·08	
	2×0·10 = 5·07	

M. A. R. 57 (Rule 116)
Measurement Book

No. B
184303

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	1st Cross Road		1×30.00×$\frac{2.50+3.30}{2}$×0·10 = 8·70				
			1×20.10×$\frac{3.30+3.30}{2}$×0·10 = 6·63				
	2nd Cross Road		1×30.00×$\frac{4.30+3.40}{2}$×0·10 = 11·55				
			1×16.50×$\frac{3.40+2.80}{2}$×0·10 = 5·12				
	2nd Cross 1st Interior Road		1×14.15×$\frac{3.40+3.50}{2}$×0·10 = 4·86				

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2nd cross 2nd Internal Road	1	20.80	2.50/3.60 / 2	0.10	6.54	
				Total Qty		66.22 m3	
				Limited Qty		61.40 m3	
				Rate 6400.23		Rs. 393974.00	
9)	Vacuum De-watering with vacuum pump & suction Mat & Compaction with Vibrating Floater clubbed with floating disc including cost of generator Hire & Machine Screed vibratory power floater, blade & disc etc. complete as per specifications						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

M. A. R. No.
Measure

Serial No. .....
Name of work ..... From .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Number	Len
1	2	3	4
	ce Main Road	1	30
		1	16
		1	13
	Ist cross Road	1	30
		1	20
	2nd cross Road	1	30

BOOK

ns Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
·50	13·60	x 0·10 = 6·34	
2			
tal Qty		66.22 m3	
ed Qty		61.40 m3	396941 =
0×23		Tg. 392974·00	
ecum pmp & Suction Mat			
er clubbed with Floating			
ator Hom g Machine			
r, blade & disc etc.			
ions			

Executive Engineer
Sub Division
Bangalore-97

M. A. R. 57 (Rule 116)
Measurement Book

No. B 184309

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	ce Main Road	1	30·00	4·30+3·60 / 2		= 118·50	
		1	16·00	3·60+4·00 / 2		= 60·80	
		1	13·00	3·90+3·90 / 2		= 50·70	
	IST cross Road	1	30·00	2·50+3·30 / 2		= 87·00	
		1	20·10	3·30+3·30 / 2		= 66·33	
	2nd cross Road	1	30·00	4·30+3·40 / 2		= 115·50	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	16.50	3.40+2.80 / 2		= 51.15	
	2nd cross 1st Interior Road	1	14.15	3.40+3.50 / 2		→ 48.82	
	2nd cross 2nd Interior Rd	1	20.80	2.50+3.60 / 2		= 63.44	
				Total Qty		662.24 m²	
				Limited Qty		614.00 m²	
				@ Rs 90.88	91.80	Rs. 55800=00	
				Total		Rs. 992899=00	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

29/3/14

M. A.
Mea

Serial No. .....
Name of work ..... From
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	20.80m, 14.15m, 2nd cross Rd 16.50m, Main	

MEASUREMENT BOOK

Date	Full description, etc, of work	Number	L	B	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
				IT — 9929 —			
				RSI — 39716 —			
				FD — 54609 —			
				CWC — 9929 —			
				CBR — 993 —			
				ROY — 17174 —			
				Total — 132350 =00			

392890=00

132350=00

860540=00

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Numb
1	2	3